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Survey Supply

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YORK Survey Supply

VO24 Flexible Endoscope

Code: 28280

Operating Instructions

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IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO COULD CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE USE.

Safety Instructions

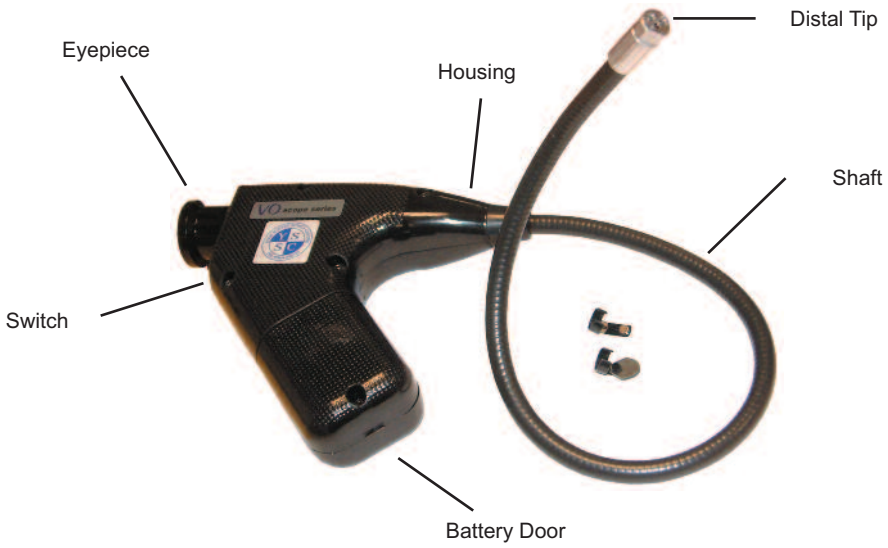
- **DO NOT** use flexible inspection scope if damaged.
- **DO NOT** point the distal top towards the Sun or other bright light sources while viewing. Serious damage to your eyes may occur.
- Maintain your scope in new condition as detailed in **MAINTENANCE** for long service.
- Be aware of your surroundings environment while using your inspection scope.
- Account for all tools and parts being used or serviced and do not leave loose parts near moving parts of an engine.

Introduction

Used for inspection of areas generally inaccessible to the naked eye. Used for internal inspection of engines, gear train components, interior structures of walls, and industrial applications. Illumination is provided by two solid state LEDs which is controlled by a three position switch, giving low, off, and high output. Lighting is powered by 4 x AA batteries located in the handle. The adjustable eyepiece allows the user to fine tune focus for a changing object distance. The instrument comes in a protective case for storage. The instrument also comes with a mirror allowing the user to see 90° to axis of the shaft, and a magnet accessory will also pick up approx. 1/4lb.

Specification

Model Series - VO24-10WW
Distal Tip Diameter - 10mm
Viewing Angle - 40 Degrees
Viewing Distance - 10mm to Infinity
Minimum Bending Radius - 3 inches
Batteries - 4 x AA (supplied)



Operating Instructions

WARNING! *Be careful when inserting or removing the scope shaft into, and out of, the equipment under inspection*

Be extra careful when using the mirror or magnet accessories. The clip may become detached if it is snagged or bumped abruptly. See attaching clips - Fig.3

Note the location and distance of the object to be inspected and determine the best route to it. Bend the shaft to follow the route.
DO NOT bend any part of the shaft tighter than a 3 inch radius (6 inch diameter)
DO NOT expose the scope housing to water or other fluids
DO NOT insert the scope shaft and tip into locations, whose temperature is greater than 70°C

Maintenance Instructions

Battery Replacement

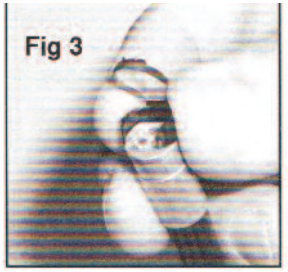
WARNING! Make sure the switch is in the off position prior to maintenance and/or battery replacement. Be careful when removing and re-inserting battery pack, so as not to strain or pinch the connecting leads. See **Fig.2**
1. Remove the battery housing door with a phillips screwdriver
2. Tilt the battery pack up from the bottom and remove
3. Un-clip the connector - if required - and replace batteries in the pack. Dispose of batteries properly.
4. Re-attach connector and re-insert battery pack into bottom of handle.
5. Re-assemble battery door. Do not over tighten screw.

LIGHTING

The LED lamps never need replacement. These lamps are designed to be maintenance free for the life of the scope.

CLEANING AND STORAGE

After each use, wipe down the distal tip and shaft with a clean, dry cloth to remove fluids and residue. If needed, clean the shaft with a cloth dampened with a mild soap detergent.
Gently clean the distal tip lens and eyepiece with a cotton bud dampened with a lens cleaner such as isopropyl alcohol.



Tilt clip against flat of distal tip. Check to see that clip is seated in recessed area.

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